FINAL REPORT

Sea Turtle Relocation Trawling

Aransas Pass, Texas



Dates:

14 April 2003 – 7 July 2003

Submitted by:

Trish Bargo REMSA, Inc. Marine Endangered Species Observer Program Director

ABSTRACT

A twenty-four-hour-per-day sea turtle relocation project was conducted onboard the fishing vessels *Miss Anna* and *Jana Lin* during the hopper dredging project in Aransas Pass, Texas from April 15 through July 7, 2003. Species targeted included Loggerhead (*Caretta caretta*), Kemp's Ridley (*Lepidochelys kempi*), Green (*Chelonia mydas*), Leatherback (*Dermochelys coriacea*), and Hawksbill (*Eretmochelys imbricata*) sea turtles. A total of seventy-one (71) sea turtles were caught, tagged, and safely released approximately 3-5 miles south east of the project area.

SCOPE OF WORK

The sea turtle abundance and relocation trawling project in Port Aransas, Texas was contracted by B+B Dredging Company. Remsa, Inc. provided the relocation trawling services and was to be responsible for providing the trawler, nets, equipment, and the necessary trained personnel. Trawling was to be conducted 24 hours per day. Methods and equipment were standardized as much as possible including data sheets, nets, trawling speed and direction to tide, length of segment, length of tow, and numbers of tows per segment. Trawling was conducted with repetitive 30-40 minute (total time) tows in the channel. Data sheets were provided by the Galveston District, Army Corps of Engineers (COE). Positions at the beginning and end of each tow were determined from GPS positioning equipment. Tow speed was taken at the approximate mid point of each tow. The trawler was fitted with two 60 foot trawling nets constructed from 8 inch mesh (stretch) as specified by the COE turtle trawling net specification.

All turtles that were caught were identified, measured, tagged, and released 3-5 miles south of the dredging project. Turtles were tagged with Inconel tags previously obtained from the University of Florida's Archie Carr Center for Sea Turtle Research in each of the front flippers according to National Marine Fisheries Service protocol. Fifteen sea turtles were also tagged with Passive Integrated Transponder (PIT) tags. Aseptic conditions were maintained for tag attachment and the tags themselves. Data on turtles was entered on standard data sheets provided by the COE. Photographs were taken of each turtle and appended to this report (Attachment 1).

Water temperature measurements were taken at the surface twice daily. Weather conditions were recorded including air temperature, wind velocity and direction, and sea state-wave height. High and low tides that include each tow time were recorded in military time.

Permits for handling threatened and endangered species were obtained from the appropriate federal and state agencies.

RESULTS

Dredging began in Port Aransas Entrance Channel on April 9, 2003. REMSA was given a notice to proceed with sea turtle relocation trawling on 14 April 2002 and trawling began on 15 April 2003. A total of 37 turtles were relocated and four additional turtles were taken by the dredge before a second trawler was given notice to proceed on 7 Jun 03. Following the addition of the second trawler there were no additional takes by the dredge during the remainder of the project.

Trawling was conducted for a total of eighty-four (84) days with a total of 2,239 tows of 40 minutes or less for an overall capture rate of .03 turtles per tow. A total of 71 sea turtles (1Leatherback, 15 Kemp's Ridleys, and 55 Loggerheads) were captured, tagged, and released safely away from the project area. A total of three turtles were recaptured. The first recapture (Loggerhead) was caught on 6/14/03, released app. 1.5 miles away from the dredging area, and caught again 4 days later. The dredge crew boat that assisted in releasing turtles had mistakenly relocated this turtle too close. They were advised that the minimum distance was to be no less than 3 miles from the project site. The second recapture (Loggerhead) was caught on 6/9/03, released app. 3 miles away, and caught again 9 days later. After this occurrence, the remainder of the turtles were relocated to app. 5 miles away from the project site. The third recapture (Loggerhead) was first caught 6/22/03, released app. 5 miles away, and recaptured 13 days later.

A total of three turtles were injured and transported to the University of Texas Marine Science Institute for rehabilitation. The first injured turtle was a Loggerhead that was missing its left eye. It was partially healed but still in need of medical attention. The second injured turtle was a Loggerhead that was captured in the door chain, an extremely unusual circumstance. This turtle may have sustained an injury to its flipper. The third injured turtle was also a Loggerhead that was missing part of its left front flipper, an old wound. None of the injuries appeared to be life threatening. Each of these three turtles were taken to the University of Texas Marine Science Institute for rehabilitation.

On June 29, 2003 the relocation vessel *Jana Lin* caught a Bottlenose dolphin (*Tursiops truncates*). The dolphin was not responsive and was pronounced dead on arrival at the Texas Marine Science Institute. It was transported to NMFS Galveston Lab for necropsy, which later indicated that the dolphin was sick with pneumonia. All reports of this incident are appended to this report (Attachment 2).

Trawling reports were completed for each tow which included: begin tow and end tow times, depth, speed mid tow, latitude and longitude, station/bouys, water temperature, wave height, air temperature, wind speed, bycatch, number of turtles, and comments were recorded. Copies of these reports were turned in to the COE Galveston district on a daily basis. Copies of these reports will not be duplicated for this report because of the sheer volume, but copies are available upon request.

The sea temperature during this period fluctuated between 16-30° C and averaged 24° C.

DISCUSSION-RECOMMENDATIONS

The Port Aransas dredging project occurred at the height of sea turtle nesting season. The overall success of the project yielded valuable data in REMSA's efforts to prove the beneficial effects of relocation trawling. Although a total of five turtles were taken (1 Lk and 4 Cc) by the dredge, it is obvious that relocation trawling was an effective tool in reducing the number of incidents. It should be noted that not a single take occurred after the second trawler was mobilized.

REMSA has relocated turtles for every major dredging company in the US and besides Cape Canaveral (2001), this project was one of the most aggressive. Part of the success of this project should be given to B + B Dredging and the Corps of Engineers, Galveston District for their active role in trying to reduce the number of incidents on this project. Their willingness to communicate effectively with both trawlers and to assist in every aspect from aiding in the release of turtles to the dredge standing by while turtles were being released was commendable.

If you would like more information on any aspect of this report, feel free to contact me directly at (757) 723-2930.

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Attachment 1 Photographs of Turtles Captured

*Due to varying circumstances some photos were not recovered.





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-	10	-	Capture Lat	Capture Long	SCI min	eci na	SCI t-t	SCW	CCL min	CCI n-t	CCL t-t	CCW	Plas L	Plas W	Tail	Head	Weight	Depth	Left Tag	Right Tag	PIT tag #	Release Lat	Release Long
ID	DATE Sp			97°00.523	35 cm		40 cm			32.3 cm					5 cm	7 cm			RRA 756			27°46.375	97°01.798
	4/16/2003 Lk	i			61.9 cm			1			66.5 cm	1	48.5 cm	48.5 cm	13 cm	13 cm		•	RRA 758	RRA 757	:	27°46.375	97°01.798
2	4/16/2003 Cc			97°00.920				52.5 cm		4-1-1-1	•			44.4 cm	•	11 cm		1	RRA 760	RRA 759		27°46.375	97°01.798
3	4/16/2003 Lk			97°01.336		58.7 cm			60.5 cm	‡			4	47.5 cm	4	13 cm			RRA 762	RRA 761	• • :	27°46.375	97°01.798
4	4/16/2003 Lk		· Or other contract of		62.7 cm	1		,		66 cm	67.4 cm		51.5 cm		•	13.2 cm		•	RRA 764	RRA 763		27°51.540	96°59.155
5	4/16/2003 Lk 4/16/2003 Lk		•	97°01.498						A contract of	56 cm	59 cm	39.5 cm	41.5 cm	12.5 cm	11.5 cm	:		RRA 766	RRA 765		27°51.540	96°59.155
6	4/16/2003 LK 4/16/2003 Cc			97°00.930		And the second	61.6 cm	- -	4	. 4	64 cm	59 cm	48 cm	46.5 cm	12 cm	11.5 cm	!	İ	RRA 768	RRA 767	• · · · · · · · · · · · · · · · · · · ·	27°48.747	96°58.403
7					58.6 cm	÷	200 0			62 cm	63.3 cm	66.2 cm	46 cm	61.2 cm	46 cm	12 cm		21 cm	RRA 770	RRA 769	i	27°47.840	97°00.775
8	4/18/2003 Lk						72.3 cm		4		76.5 cm	÷	4	52.5 cm	13.5 cm	14.5 cm		26.5 cm	1	1			
9	4/24/2003 Cc			97°01.092	113.4 cm	÷	117.8 cm			1	124 cm	<u> </u>	+	÷	11 cm	18.5 cm		43 cm	RRA 774	RRA 773	•	27°50.423	96°57.765
10	4/25/2003 Dc			97°01.368	35.8 cm	·			-1	38.5 cm	38.5 cm	4	29 cm	30 cm	7.5 cm	8 cm	10 lbs.	29.4 cm	RRA 776	RRA 775		27°47.279	97 ° 01.786
11	4/26/2003 Lk		4		84.6 cm	÷					93.2 cm	84.1 cm	64.5 cm	60.4 cm	16.7 cm	18.6 cm		31.4 cm	RRA 778	RRA 777	*	27°46.464	97°00.919
12	4/28/2003 Cc		4		61.2 cm	4	·		<u> </u>		A commence of the second			47.8 cm	+			19.4 cm	RRA 780	RRA 779		27°46.282	97°02.108
13	4/30/2003 Lk	mana a salah a salah a sa	4		59.7 cm			4			64.9 cm	4		4		10.9 cm	80 lbs.	26 cm	RRA 782	RRA 781		27°47.523	97°00.428
14	5/2/2003 Cc 5/2/2003 Lk				63.3 cm	1					67.1 cm	69.8 cm	46.8 cm	54.2 cm	30.6 cm	12.1 cm	65 lbs.	16.0 cm	RRA 783	RRA 784		27°46.918	97°00.919
15					86.5 cm	04.1 011	89.6 cm		-		92.3 cm		+	÷	27.8 cm	÷		30.1 cm	<u>†</u>	[
16	5/6/2003 Cc 5/8/2003 Cc					76.3 cm	÷		81.6 cm		83.1 cm		ļ	-	16.7 cm	16.1 cm	140 lbs.	31.2 cm	RRA 785	RRA 786	I.	27°48.369	97.01.795
17			4		70.4 cm		÷	59.9 cm		78 cm	4	·		54.5 cm	15.4 cm	13.7 cm	130 lbs.	27.8 cm	RRA 787	RRA 788	1	27°48.369	97°01.795
18	5/8/2003 Cc				+	-	83.4 cm		-	83.4 cm	78.8 cm	+	d	4		18.4 cm			RRA 789	RRA 790		27°46.045	97°00.669
19	5/11/2003 Cc				47 cm		4		51.6 cm	53.6 cm				39.3 cm		11.1 cm		22.9 cm	RRA 791	RRA 792		27°45.961	97°00.831
20	5/11/2003 Cc				60.8 cm				65.9 cm	1	1		 	4		12.1 cm	98 lbs.	27.8 cm	RRA 793	RRA 794		27°46.235	97°00.792
21	5/11/2003 Cc 5/11/2003 Cc							56.2 cm		74.2 cm		4	<u> </u>	4		15.2 cm		28.8 cm	RRA 795	RRA 796		27°45.538	97°01.090
22					68.3 cm			55.2 cm	+	76.2 cm				50.6 cm	·			29.7 cm	RRA 797	RRA798	1	27°46.407	97°02.461
23	5/11/2003 Cc		_ _		64.2 cm	<u> </u>	<u> </u>	52.3 cm		69.5 cm		1		4		14.6 cm	98 lbs.	25.1 cm	RRA 799	RRA 800		27°46.621	97°00.532
24	5/12/2003 Cc					4	*	56.7 cm	·	81.7 cm	<u> </u>		4	52.9 cm	+	*		27.9 cm	RRG 501	RRG 502	-	27°45.538	97°01.090
25	5/12/2003 Cc		I				52.1 cm		- 		4	ļ		40.3 cm		11.6 cm	60 lbs.	22.8 cm	RRG 503	RRG 504	1	27°46.174	97°01.608
26	5/12/2003 Cc						72.9 cm	4		78 cm		<u> </u>		50.5 cm		15 cm	100 lbs.	31.0 cm	RRG 505	RRG 506		27°46.406	97°02.224
27	5/13/2003 Cc						44.7 cm	+	4	+	51.6 cm	4		31.2 cm	<u> </u>	+	30 lbs.	19.4 cm	RRG 509	RRG 510	1	27°46.620	97°02.497
28	5/13/2003 Cc				70.6 cm	4		4	÷	70.6 cm	72.5 cm	+		i	 	15 cm	140 lbs.	30.9 cm	RRG 513	RRG 512	† · · · · · · · · · · · · · · · · · · ·	27°46.641	97°02.459
29	5/13/2003 Cc				4	. 	73.5 cm		77 cm					<u> </u>	15.5 cm	16.5 cm	135 lbs.	31.0 cm	RRG 514	RRG 515		27°46.706	97°02.655
30	5/13/2003 Cc			0. 000	4		56.5 cm		4	.1	4	. i		45.3 cm		÷		20.6 cm	RRG 516	RRG 517		27°46.595	97°02.410
31	5/17/2003 Lk				4		56.6 cm		4	4	59.6 cm		+ ··· · · · · · · · · · ·	· 	de la la companya de la companya de	10.5 cm	50 lbs.	20.6 cm	RRG 518	RRG 519	İ	27°46.590	97°02.605
32	5/18/2003 Lk		<u> </u>	97°01.304	52.6 cm		والمستنا المتعالم	4		1	<u> </u>	À		43.5 cm		4	the second secon	20.2 cm	RRG 520	RRG 521		27°46.590	97°02.605
33	5/18/2003 Lk				71.8 cm	4				1		4		4	diameter	14.8 cm		·	RRG 522	4	İ	27°46.637	97°02.470
34	5/18/2003 Cc				\$	4	÷	67 cm		93 cm	4	84.5 cm		ar assert a con-	·	18.5 cm		35 cm	RRG 524	RRG 525	İ	27°47.739	97°01.971
35	5/19/2003 Cc							+	75.5 cm	75.9 cm		4		÷		14.5 cm			RRG 526	RRG 527	†	27°46.888	97°02.434
36	5/28/2003 Cc	Same and the			61.9 cm	4		2	4	1	المائد والمرأثي				1	13.9 cm		-	RRG 528	RRG 529		27°46.383	97°01.062
37	5/28/2003 Lk		#		4		4	400 000		72.6 cm	•		4	4	·			27.8 cm	RRG 576		<u> </u>	27°45.856	97°01.718
38	6/8/2003 Cc				67.1 cm	÷			63.9 cm	1			-l	Acres in the contract	# mar	a contractor and		4	RRG 578			27°45.856	97°01.718
39	6/8/2003 Cc				59.4 cm	4	A		48.6 cm									4	4	4	42326B3C10	27°46.077	97°01.789
40	6/9/2003 Cc		47	97°00.518	41.6 cm	42.8 CM	44.5 CIT	A CONTRACTOR	67.3 cm		70.0 CIII		46.9 cm		J. 2 J. 1	11.9 cm	hara a la la la la la la la la la la la la	 	RRG 531	Andrew Street Control		27°46.090	97°01.580
41	6/9/2003 Cc			97°00.560	60.9 cm		71 0			74.5 cm	76 cm				13.5 cm				RRG 582	A		27°46.057	97°01.474
42	6/9/2003 Cc		4	96°59.745	67.5 cm	69.4 CM	CA A as-	33.3 CM	72.5 CIII	70.4 cm	60 1 cm	65.2 cm	48 8 cm	47.4 cm	13.6 cm	13.1 cm	75 lbs	23 9 cm	RRG 584	RRG 585	42336A3B6D	27°47.119	97°47.119
43	6/10/2003 Cc	0143 hrs	27°49.598	96°58.009	63.4 cm	63.4 cm	64.4 cm	48.9 CM	07.0 CM	70.4 Cm	OF. I CITI	UU.Z CIII	:+0.0 UII	-77.4 UII	13.0 011	10.1 0111		,_0.0 0/11		1			

Aransas Turtles

										laar t	Lock - A	CCI ++	CCW	Diae i	Plac W	Tail	Head	Weight	Depth	Left Tag	Right Tag	PIT tag #	Release Lat	Release Long
ID	DAT	E Sp	Time	Capture Lat	Capture Long	SCL min	SCL n-t	SCL t-t	SCW	CCL min	CA 5 cm	65.0 cm	63.8.cm	46 cm	43.4 cm	12 7 cm	13.7 cm	75 lbs.	21.2 cm	RRG 586	RRG 587	42353E1A67 42332C7661	27°47.119	97°00.610
	6/10/	2003 Cc	0459 hrs	27°48.747	96°59.994	59.8 cm	60.6 cm				64.5 CIII	05.6 CIT	81.3 cm	55.9 cm	58.4 cm		i			RRG 532	RRG 533	42332C7661	27 °47.119	97°00.010
45	6/10/	2003 Cc	0648 hrs	27°48.990	95°59.890	73.6 cm				83.8 cm	69.5 cm					13 5 cm	13 cm	80 lbs	22.4 cm	RRG 588	RRG 589	42336C1812	27°45.931	97°01.266
46	6/10/	2003 Cc	1615 hrs	27°48.959	97°00.531	60.5 cm	62.3 cm	62.9 cm	50.9 cm	70.3 cm	71.2 cm	70 Cm	69 5 cm	50 9 cm	46 4 cm	14 cm	13.5 cm	•	23.2 cm	RRG 590	RRG 591	4233205017	27°45.931	97°01.266
47	6/10/	2003 Cc	1615 hrs	27°48.959	97°00.531	64.5 cm	65.5 cm	67.3 cm	53.2 cm	68.4 cm	71.2 Cm	72.5 cm	66.4 cm	51.9 cm	48 cm	10.2 cm	13.5 cm	90 lbs	23.1 cm	RRG 535	RRG 534	4233116005	27°45.931	97°01.266
48	6/10	2003 Cc	1731 hrs	27°48.820	96°59.810	62.5 cm	64.3 cm	65.6 cm	54 cm	70.4 cm	70.3 CIII	71.4 cm	67.3 cm	49.4 cm	45.5 cm	13.2 cm	12.5 cm	80 lbs	23.6 cm	RRG 592	RRG 593	423227700F	27°46.652	97°01.060
49	6/11	2003 Cc	0558 hrs	27°49.037	97°00.385	and the second second	65.5 cm				70.7 011	71.4 (11)	77.5 cm	58.4 cm	53.6 cm		14.7 cm	† · · · · · · · · · · · · · · · · · · ·	31.1 cm	RRG 536	RRG 537		27°50.430	96°56.790
50	6/11	/2003 Cc	1420 hrs	27°48.690	96°59.870	74.5 cm	1		59.1 cm	62.1 cm	63.2 cm					12.5 cm	13.5 cm	72 lbs.	21.4 cm	RRG 594	RRG 595		27°51.440	96°58.916
51	6/11	/2003 Lk	2000 hrs	27°49.017	97°00.368	59.6 cm	61 cm	61.2 cm	10.0 cm	67.6 cm	70.4 cm	69 1 cm	65.2 cm	48 8 cm	47.4 cm	13,6 cm	13.1 cm	75 lbs.	23.9 cm	RRG 584	RRG 585	42336A3B6D	27°51.519	96°58.825
52	6/14	/2003 Cc	0730 hrs	27°48.903	97°00.191	62.4 cm	63.4 cm	64.4 CM	48.9 CIII	49.6 cm	48.8 cm	48 9 cm	45.9 cm	34.9 cm	32.2 cm	9.2 cm	9.8 cm	30 lbs.	17.9 cm	RRG 580	RRG581	42326B3C10	27°44.237	97°02.875
53	6/17	/2003 Cc	0923 hrs	27°49.021	97°00.763					75 cm	76 cm	78 cm	73.5 cm	57 cm	50 cm	16.5 cm	15 cm	100 lbs	20.6 CIII	KKG 220	INING 555		27°44.216	97°02.620
54	6/17	/2003 Cc	1523 hrs	27°48.879	97°00.125		71.6 cm	50 0 am	40.7 cm	63 cm	63.8 cm	64 3 cm	60.2 cm	45.7 cm	42.3 cm	10.5 cm	12.8 cm	70 lbs	25.5 cm	RRG 540	RRG 541	4452341012	27°44.549	97°03.283
55	6/21	/2003 Cc	0809 hrs		97°00.333	58 cm		70.0	EO E om	77.5 cm	78.5 cm	79.7 cm	75 cm	36.5 cm	44.7 cm	15.3 cm	15 cm	130 lbs.	29.5 cm	RRG 596	RRG 597	4235621C1F	27°44.122	97°02.804
56	6/21	/2003 Cc	1949 hrs	27°49.122	97°00.295	+	100 7	00 F	EE 0 cm	71.2 cm	72.5 cm	74.8 cm	73.4 cm	53.1 cm	47 cm	11.6 cm	13.7 cm	90 lbs	29.8 Cm	KKG 542	KKG 343	440200000	27°44.668	97°03.122
•				27°49.038	97°00.161			70.0	60.2 cm	75.7 cm	77.2 cm	79 cm	72.5 cm	156.1 cm	52.5 cm	15 cm	13.4 cm	130 105	29 Cm	KKG 544	1110 343	177020L0. 0.	27°43.923	97°02.118
			1940 hrs		97°00.510	70 cm	69.7 cm	69.5 cm	62.8 cm	71.2 cm	71.9 cm	73.2 cm	71.7 cm	51 cm	50.9 cm	19.6 cm	14.3 cm	110 lbs	24.8 cm	KKG 340	KKG 547	1404001000	27°43.923	97°02.118
			2015 hrs		96°59.865			00.0	E4 000	62.2 cm	64.2 cm	65.2 cm	60 5 cm	48.4 cm	45.3 cm	111.9 cm	13.3 cm	90 108		LUC 240	1110 040	1100000000	27°43.932	97°02.208
-			2252 hrs		96°59.974	59.4 CIII	60.6 cm	70.2 cm	53 1 cm	72.4 cm	73.1 cm	74.8 cm	65.4 cm	51.9 cm	46.1 cm	14.9 cm	14.3 cm	100 lbs	27.2 cm	RRA 733	RRA 734	445264064F	27°43.883	97°02.327
			1108 hrs		97°00.066	00.1 CIII		77.5 cm		1	80 cm	82 cm	76 cm	58.5 cm	51 cm		15 cm			1110 402	11110 101	ļ	27°43.834	97°02.705
			0437 hrs		97°00.216	79 cm	80.5 cm			87 cm	88 cm	90 cm	83 cm	59.5 cm	53 cm	15.5 cm	18 cm	160 lbs	32 cm		RRA 736		27°44.414	97°02.844 97°03.431
63			1421 hrs		97°00.188	62.5 cm	1	10-0111	1	67.5 cm	68 cm	69 cm	65.5 cm	50 cm	46 cm		15.2 cm				RRG 403		27°44.428	97°03.431
64			1424 hrs		97°00.067	69 cm				73.5 cm		76 cm	72.5 cm	59 cm	51 cm		14 cm	1			RRG 405	-	27°44.544	97°03.204
			2255 hrs		97°00.500 97°00.187	55.8 cm		56.7 cm		59.5 cm		61.5 cm	56 cm	43 cm	40 cm	12.5 cm	11.5 cm		21.4 cm		RRA 738	 	27°44.005 27°44.006	97°02.480
			0509 hrs		97°00.187	60 cm	60.5 cm				67.5 cm	68 cm	64 cm	48 cm	46 cm	13.5 cm		·	ļ		RRA 740	ļ	1	97°03.257
67				27°49.096	97°00.231	65 cm				70.5 cm	71.5 cm	73 cm	63 cm	50.5 cm	46 cm	13.5	13.2 cm	55 lbs	-		RRA 773		27°44.456 27°44.334	97°03.237
68			4	24°49.472	97°00.390	72 cm			F.C. F	90 5 cm	91.7 cm	82.5 cm	74 cm	56 cm	51.5 cm		15 cm		i		RRG 407	4450046800	27°44.334	97°02.506
69				27°49.081	96°59.586	64.7 cm	66.7 cm	68.5 cm	55.8 cm	71.2 cm	72.5 cm	74.8 cm	73.4 cm	53.1 cm	47 cm	11.6 cm	13.7 cm	90 lbs	29.8 cm	RRG 542	RRG 543	44520A6R00	2/ 44.030	37 02.300
70				27°48.707		64 cm				70 cm	70.5 cm	72 cm	67 cm	52 cm	48.5 cm		13 cm		<u> </u>	<u> </u>	RRG 409			.1
71	7/4	1/2003 Cc	11630 hrs	27°49.305	97°00.850	IO+ CITI	- 100.0 Cm	100.0 0																

Attachment 2 Bottlenose Dolphin Incident



3 July 2003

Carrie Hubard National Marine Fisheries Service Office of Protected Resources Silver Spring, MD 20910

Subject: Tursiop truncatus take, Aransas Pass, TX

Dear Ms. Hubard,

We regret to inform you that on 29 June 2003 at 1456 hrs our relocation trawling vessel the *Jana Lin* working in Port Aransas, Texas captured a Bottlenose dolphin (*Tursiops truncatus*). The coordinates of the tow in which the dolphin was captured were between: N27°48.921 W97°00.372 and N27°48.545 W96°54.866. The tow was only 23 minutes long.

The dolphin was captured near the tail bag of the net. It was placed on deck and was immediately transported to the Texas Marine Science Institute (Tony Amos) located nearby. The onboard observer, Bonnie Brown, unsuccessfully attempted resuscitation by blowing into the blowhole. The dolphin was not responsive and was pronounced dead on arrival. It was then transported to the NMFS Galveston lab for necropsy. The dolphin did not appear to have any injuries.

Remsa is currently researching for guidelines on marine mammal resuscitation. It should be noted that the population of Bottlenose dolphins off the Texas/Louisiana coast is significant and notably more aggressive than most. Remsa's observers have witnessed on several occasions these particular dolphins untying the tail bags with their teeth and releasing bycatch as well as pulling on the lazy line, etc.

We will forward copies of the necropsy report as soon as it becomes available. Feel free to contact me if you have any questions.

Sincerely,

Trish Bargo

Marine Endangered Species Observer

Program Director

Trish Barg



B+B DREDGING COMPANY 451 DINWIDDIE STREET PORTSMOUTH, VA 23704

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Army Corps of Engineers	DATE: 6/2	5/2003						
PAX NUMBER: 361-884-3385	TOTAL NO. OF PAGES ENCLUDING COVER. 2							
PHONE NUMBÉR:	sender's reference number: 6/24/2003/58							
re: Dolphin incident	YOUR REF	PERENCE NUMBER:						
X URGENT FOR REVIEW	PLEASE COMMENT	PLEASE REPLY	PLEASE RECYCLE					

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Dear Sir.

Yesterday between 14:33 and 14.56 one of our relocation trawlers, the "Jana Lin", caught a bordenose dolphin in her nets.

The dolphin was transported to the Marine Science Institute in Port Aransas, TX were it was purnounced to be DOA.

It was transported to a freezer for further study.

Theo Schoffedie Project Manager

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BY CATCH/COMMENTS

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